

Figure 1 Typical Class AB operational amplifier

Figure 1

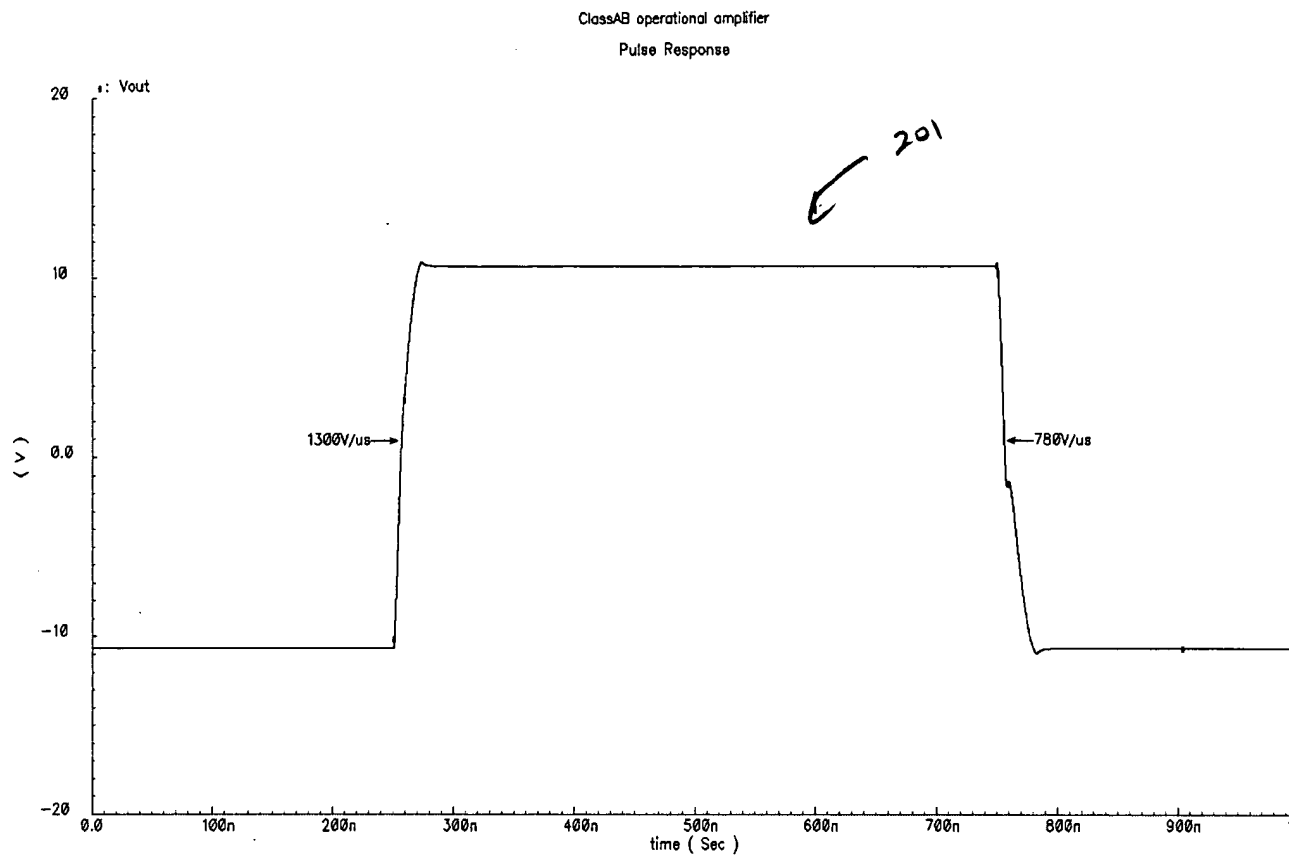


Figure 2 Pulse response for a typical classAB opamp

Figure 2

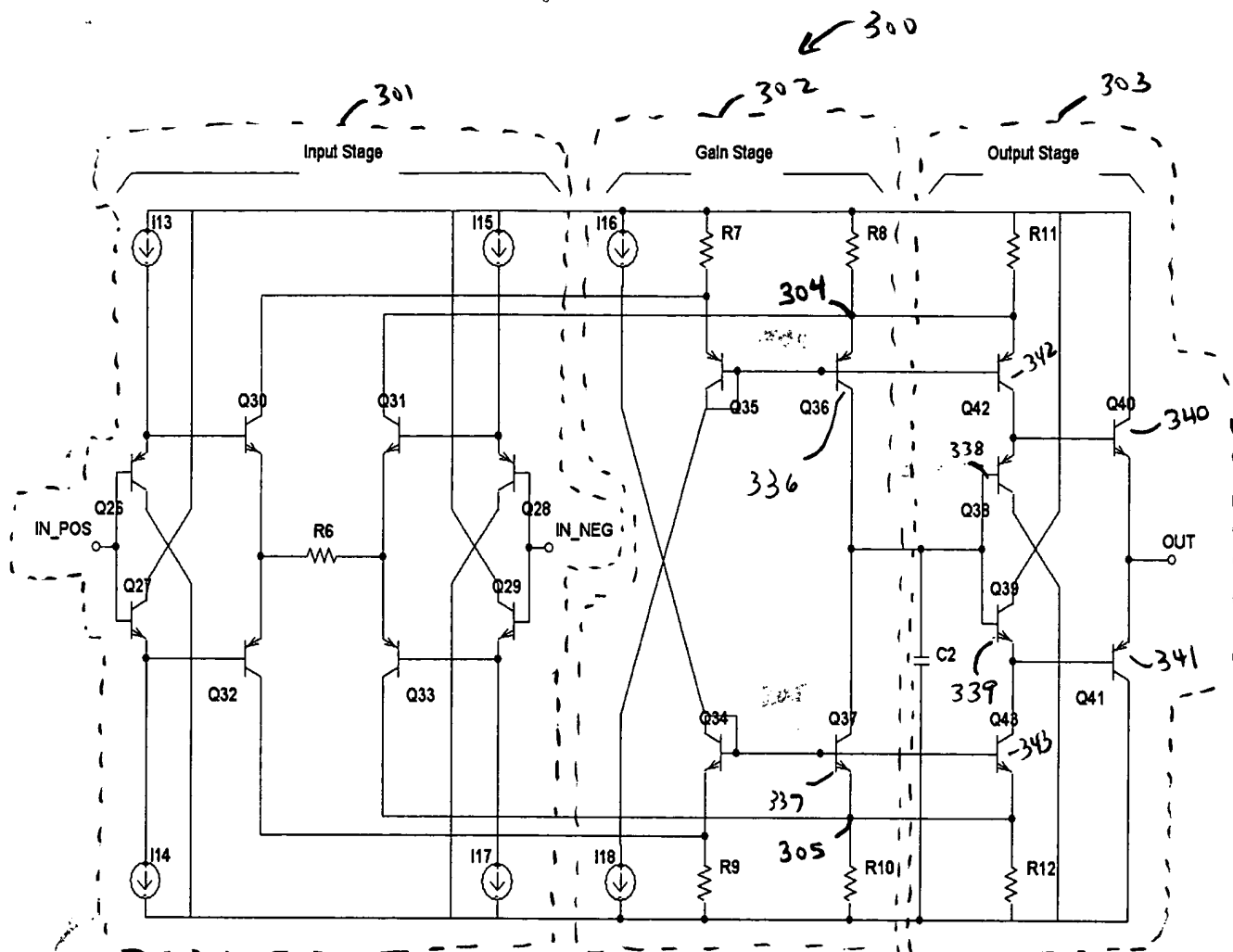


Figure 3 Proposed classAB opamp with dynamic bias at output stage

Figure 3

ClassAB Operational Amplifier with dynamic bias at the output
Pulse Response

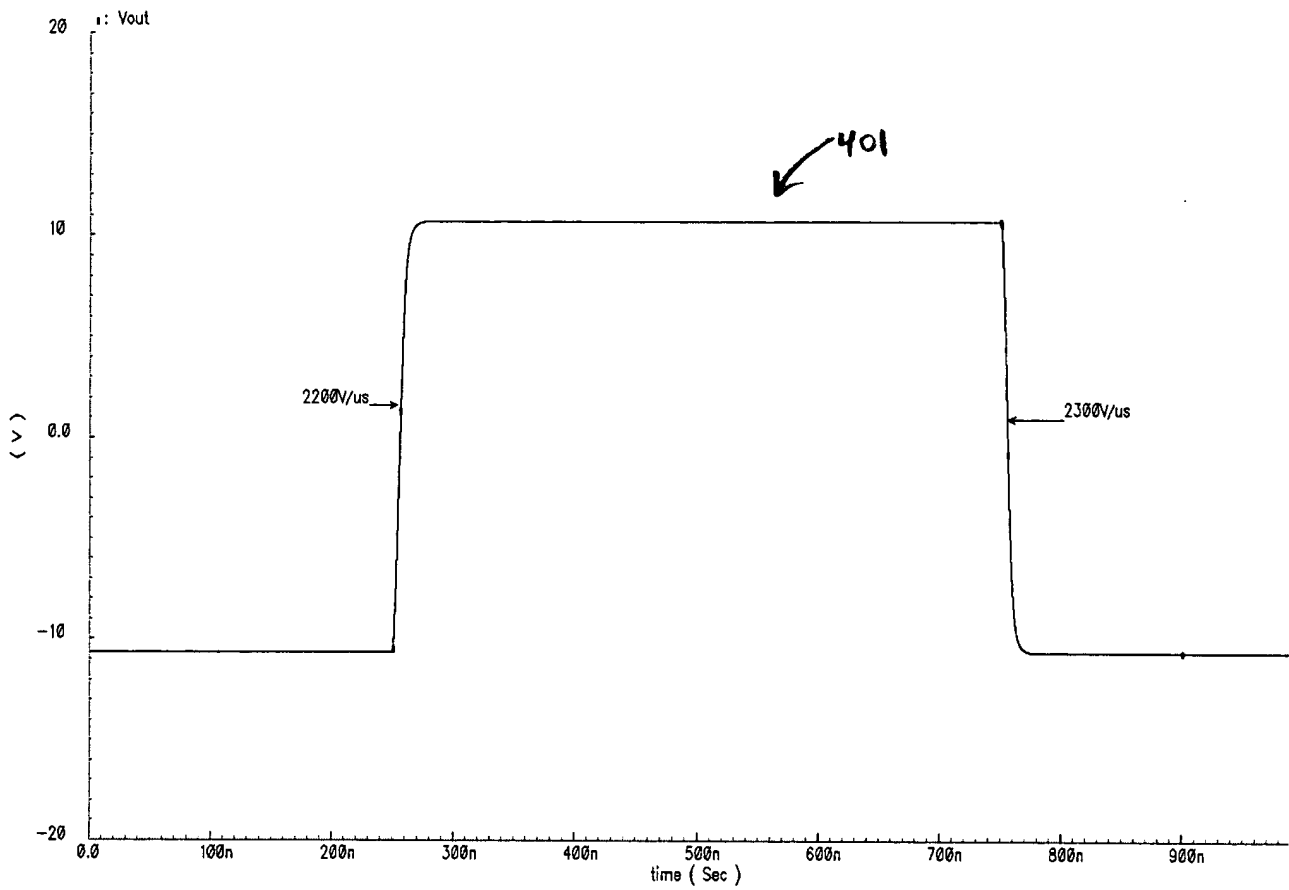


Figure 4 Pulse response for the proposed classAB opamp

Figure 4

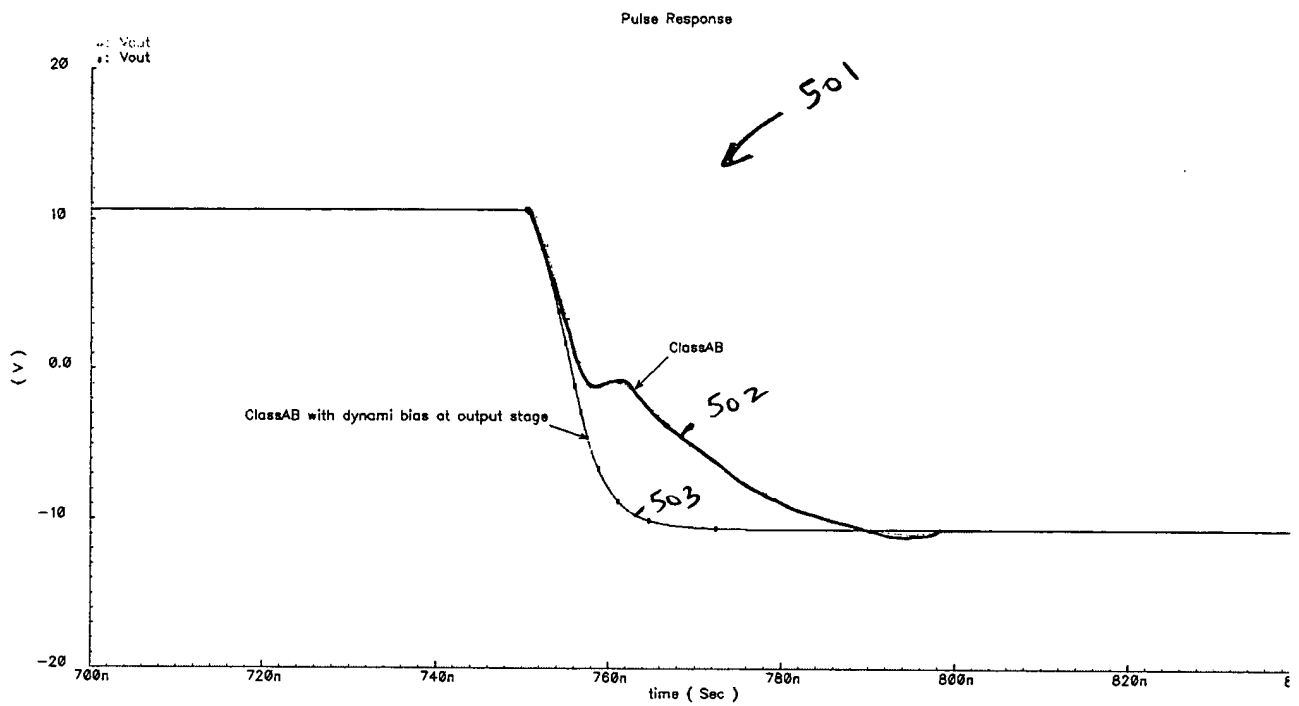


Figure 5 Falling edge of the pulse response for both circuits.

Figure 5